

Energy Control (Lockout/Tagout) Lesson Guide

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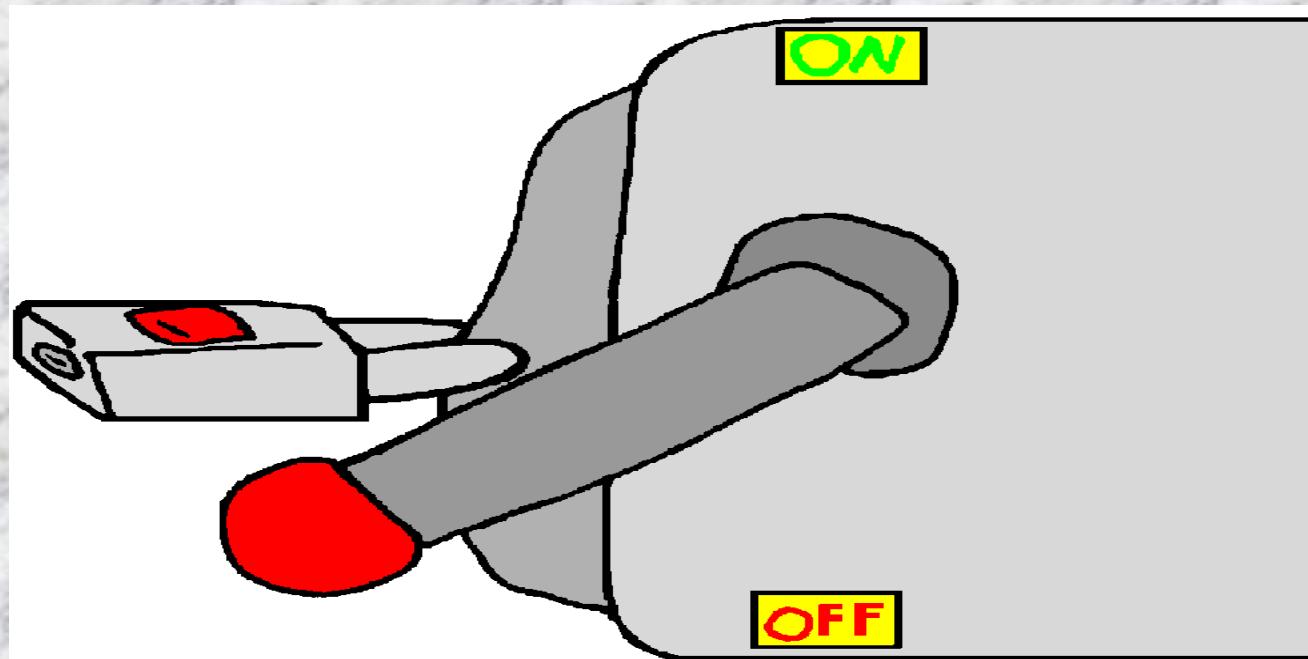


OBJECTIVES: *Upon completion of this topic you will be able to:*

- Describe general procedures for the Navy's Energy Control Program.
- Identify the various hardware for lockout/tagout procedures.
- Identify training requirements for lockout/tagout.
- Define activity responsibilities for the Energy Control Program.

ENERGY CONTROL PROGRAM

* CONTROL OF ENERGY DURING SERVICING AND MAINTENANCE OF MACHINERY AND EQUIPMENT ASHORE



ENERGY CONTROL PROGRAM

* REQUIREMENTS APPLY WHEN THE UNEXPECTED ENERGIZATION COULD CAUSE INJURY TO PERSONNEL AND/OR PROPERTY

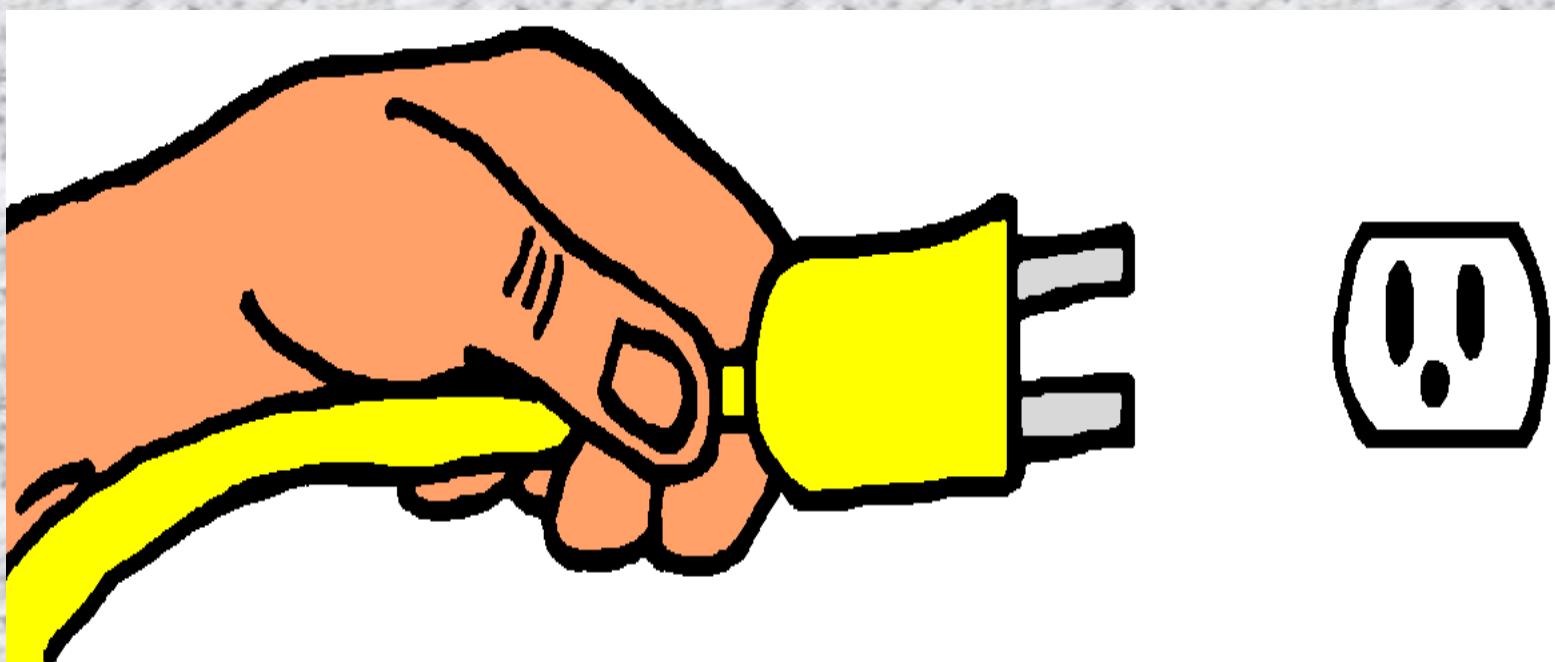


EXEMPTED FROM REQUIREMENTS

- SHIPBOARD OPERATIONS
- EQUIPMENT UNDER EXCLUSIVE CONTROL OF ELECTRICAL UTILIZATION INSTALLATIONS FOR THE PURPOSE OF POWER GENERATION, TRANSMISSION AND DISTRIBUTION

EXEMPTED FROM REQUIREMENTS

- Work on cord and plug connected electrical equipment



GENERAL PROCEDURES

- LOCKOUT/TAGOUT AFFIXED TO EACH ENERGY ISOLATING DEVICE
- AUTHORIZED EMPLOYEE SHALL HAVE KNOWLEDGE OF THE TYPE AND MAGNITUDE OF ENERGY INVOLVED

GENERAL PROCEDURES

(cont.)

- TAGS ONLY REMOVED BY AUTHORIZED EMPLOYEE, NEVER BYPASS OR IGNORE

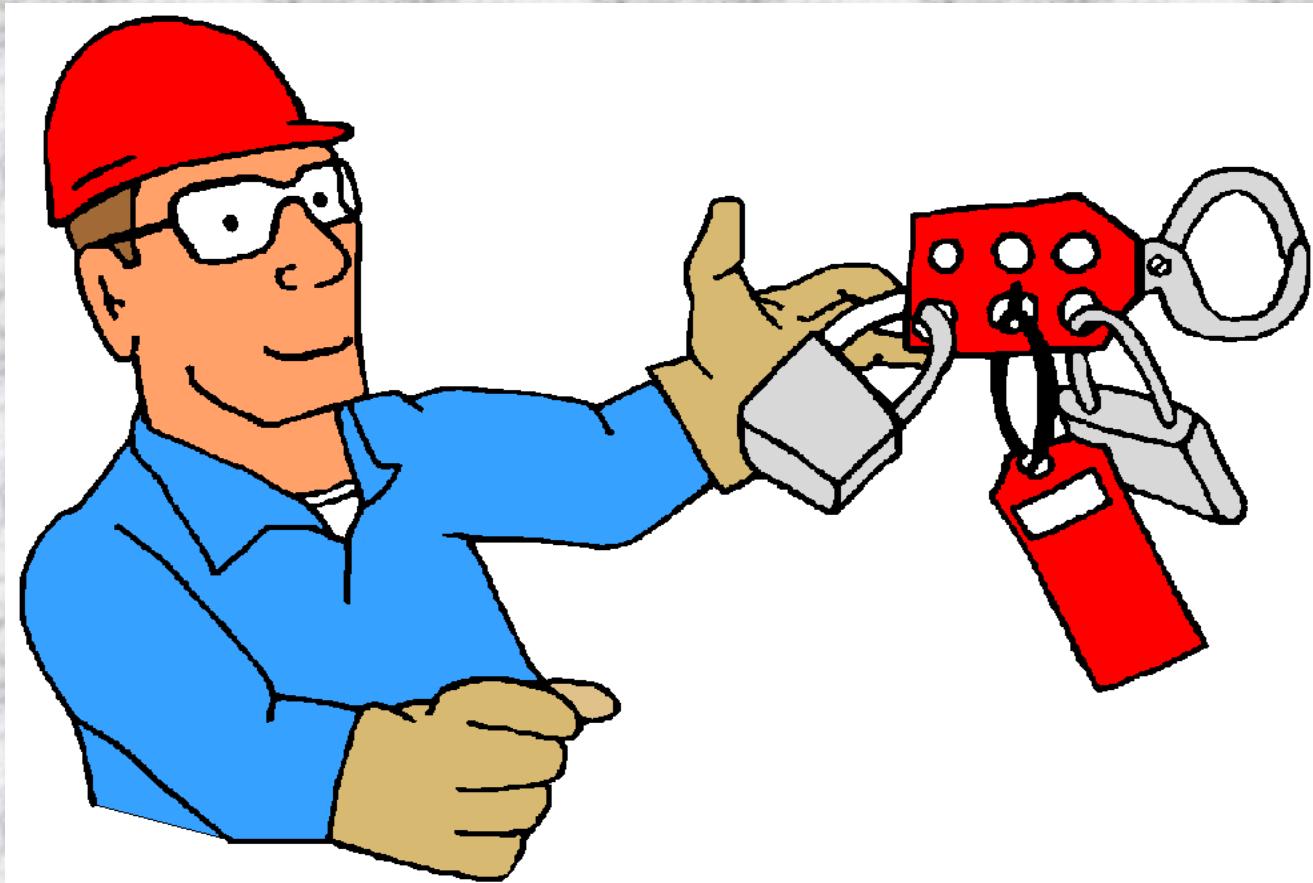


GENERAL PROCEDURES

(cont.)

- SHOULD INCLUDE WORDS LIKE “DO NOT OPEN”, “DO NOT CLOSE”, “DO NOT ENERGIZE”, OR “DO NOT OPERATE”

- TAGOUT DEVICES ATTACHMENT
NON-REUSABLE, NON-
RELEASEABLE, WITH A MINIMUM
UNLOCKING STRENGTH OF NO
LESS THAN 50 POUNDS



- LOCKOUT/TAGOUT IDENTIFY EMPLOYEE, SHOP OR CODE, TELEPHONE NUMBER, SUPERVISOR, DATE APPLIED, MACHINE, EQUIPMENT OR SYSTEM DEENERGIZED

HARDWARE

- LOCKOUT/TAGOUT DEVICES SINGULARLY IDENTIFIED
- CAPABLE OF WITHSTANDING THE ENVIRONMENT
- STANDARDIZED WITHIN THE ACTIVITY-COLOR, SIZE, SHAPE
- LOCKOUT DEVICES SUBSTANTIAL ENOUGH TO PREVENT REMOVAL
- NO TWO LOCKS SHALL BE KEYED THE SAME, NO MORE THAN -- TWO KEYS FOR A LOCK

OTHER ISOLATING MEASURES

- REMOVAL OF FUSE OR CIRCUIT BREAKER
- BLOCKING OF A CONTROLLING DEVICE
- REMOVAL OF A VALVE HANDLE

TRAINING

- ACTIVITY SHALL PROVIDE TRAINING
- TRAINING MUST BE SPECIFIC TO THE ACTIVITY
- LIMITATIONS OF TAGOUT SHOULD BE STRESSED; THAT THEY ARE ESSENTIALLY WARNING DEVICES AND DO NOT PROVIDE PHYSICAL RESTRAINT

RESPONSIBILITIES

- DEVELOP AND IMPLEMENT WRITTEN PLANS AND PROCEDURES
- INITIATE ACTIONS TO IDENTIFY AND RESOLVE DEFICIENCIES IN THE LOCKOUT/TAGOUT BUDGET AND ALLOCATION OF RESOURCES

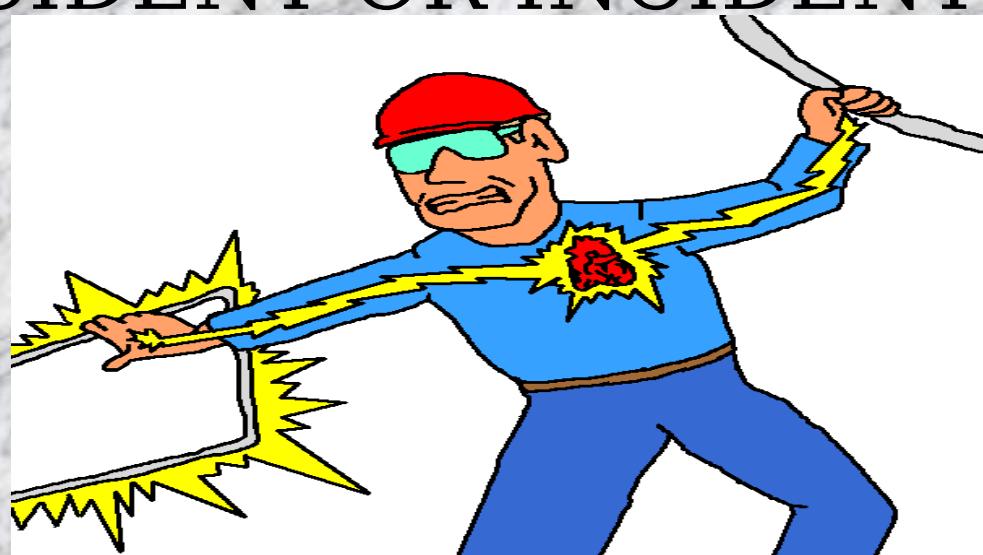
RESPONSIBILITIES

- ENSURE PROCEDURES ARE REVISED AND UPDATED
- ENSURE A CURRENT ROSTER OF TRAINED AND QUALIFIED EMPLOYEES IS MAINTAINED



PERIODIC REVIEW

- ACTIVITY SHALL CONDUCT PERIODIC REVIEW AT LEAST ANNUALLY
- WHEN ACCIDENT OR INCIDENT OCCURS





**THANKS FOR USING
YOUR LOCKOUT !!!!!**

REVIEW AND SUMMARY

